Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009175.D
Acq On : 16 Feb 2022 13:01
Operator : CG/JU
Sample : PB142605BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 14:32:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142605BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	227289	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	943505	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	672808	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1457071	20.000	ng		0.00
76) Chrysene-d12	21.286	240	1502395	20.000	ng		0.00
86) Perylene-d12	23.674	264	1546414	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1660009	130.281	ng		0.00
7) Phenol-d6	6.981	99	2171862	129.359	ng		0.00
23) Nitrobenzene-d5	8.946	82	1294934	77.399	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	1208603	134.540	ng		0.00
45) 2-Fluorobiphenyl	13.046	172	3604301	74.994	ng		0.00
79) Terphenyl-d14	19.751	244	5988913	71.686	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	135985	32.406	ng		99
3) Pyridine	3.681	79	353391	28.828	ng		98
4) n-Nitrosodimethylamine	3.593	42	181106	38.565	ng	#	92
6) Aniline	7.116	93	705281	37.009	ng		99
8) 2-Chlorophenol	7.352	128	673584	46.842	ng		97
9) Benzaldehyde	6.928	77	313708	36.888	ng		98
10) Phenol	7.005	94	812885	48.155	ng		96
11) bis(2-Chloroethyl)ether	7.211	93	568520	43.374	ng		98
12) 1,3-Dichlorobenzene	7.669	146	670421	40.312	ng		98
13) 1,4-Dichlorobenzene	7.816	146	697735	41.097	ng		99
14) 1,2-Dichlorobenzene	8.134	146	678344	41.229	ng		98
15) Benzyl Alcohol	8.034	79	550014	51.462	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.310	45	637539	43.154	ng		97
17) 2-Methylphenol	8.246	107	546149	48.260	ng		98
18) Hexachloroethane	8.852	117	239053	42.505	ng		96
19) n-Nitroso-di-n-propyla...	8.599	70	460910	47.946	ng		99
20) 3+4-Methylphenols	8.581	107	745329	48.122	ng		96
22) Acetophenone	8.610	105	951490	43.139	ng	#	97
24) Nitrobenzene	8.987	77	660071	41.735	ng		95
25) Isophorone	9.516	82	1253691	45.100	ng		97
26) 2-Nitrophenol	9.705	139	371986	45.475	ng		96
27) 2,4-Dimethylphenol	9.775	122	630290	51.531	ng		98
28) bis(2-Chloroethoxy)met...	9.993	93	786949	41.708	ng		99
29) 2,4-Dichlorophenol	10.257	162	718760	47.027	ng		99
30) 1,2,4-Trichlorobenzene	10.446	180	734486	40.871	ng		99
31) Naphthalene	10.628	128	1976930	41.081	ng		99
32) Benzoic acid	10.005	122	428804	43.373	ng		99
33) 4-Chloroaniline	10.763	127	493592	25.402	ng		99
34) Hexachlorobutadiene	10.910	225	457470	41.382	ng		99
35) Caprolactam	11.575	113	219117m	48.892	ng		
36) 4-Chloro-3-methylphenol	11.904	107	691382	47.421	ng		99
37) 2-Methylnaphthalene	12.246	142	1531941	44.986	ng		97
38) 1-Methylnaphthalene	12.463	142	1417595	42.602	ng		97
40) 1,2,4,5-Tetrachloroben...	12.622	216	913938	42.676	ng		99
41) Hexachlorocyclopentadiene	12.593	237	535401	68.262	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	616527	43.413	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	671930	44.121	ng		98
46) 1,1'-Biphenyl	13.257	154	2066083	41.796	ng		99
47) 2-Chloronaphthalene	13.304	162	1572788	40.040	ng		99
48) 2-Nitroaniline	13.522	65	406907	44.707	ng		98
49) Acenaphthylene	14.151	152	2503230	42.270	ng		100
50) Dimethylphthalate	13.893	163	2074559	43.257	ng		100
51) 2,6-Dinitrotoluene	14.016	165	465118	46.501	ng		93
52) Acenaphthene	14.493	154	1473615	40.897	ng		98
53) 3-Nitroaniline	14.351	138	311476	30.445	ng		97
54) 2,4-Dinitrophenol	14.581	184	512744	76.610	ng		95
55) Dibenzofuran	14.828	168	2476664	40.798	ng		98
56) 4-Nitrophenol	14.698	139	649288	75.055	ng		90
57) 2,4-Dinitrotoluene	14.822	165	655277	50.164	ng	#	82
58) Fluorene	15.481	166	1994766	42.771	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	590917m	44.338	ng		
60) Diethylphthalate	15.257	149	2043510	45.063	ng		100
61) 4-Chlorophenyl-phenyle...	15.475	204	1085252	42.828	ng		99
62) 4-Nitroaniline	15.528	138	418398	40.674	ng		91
63) Azobenzene	15.769	77	1677977	42.767	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	352728	39.447	ng		97
66) n-Nitrosodiphenylamine	15.692	169	1808730	40.931	ng		98
67) 4-Bromophenyl-phenylether	16.369	248	713949	42.283	ng		99
68) Hexachlorobenzene	16.498	284	820677	43.390	ng		99
69) Atrazine	16.657	200	706096	48.189	ng		98
70) Pentachlorophenol	16.851	266	904338	90.807	ng		99
71) Phenanthrene	17.228	178	3246196	41.145	ng		100
72) Anthracene	17.322	178	3352972	43.438	ng		99
73) Carbazole	17.604	167	3018198	40.792	ng		99
74) Di-n-butylphthalate	18.145	149	3615790	48.231	ng		99
75) Fluoranthene	19.204	202	3989455	45.117	ng		97
77) Benzidine	19.386	184	1857210	59.158	ng		98
78) Pyrene	19.557	202	4076270	38.141	ng		99
80) Butylbenzylphthalate	20.427	149	1674901	45.577	ng		97
81) Benzo(a)anthracene	21.275	228	3921760	40.507	ng		98
82) 3,3'-Dichlorobenzidine	21.204	252	1304030	38.846	ng		98
83) Chrysene	21.322	228	3835345	41.093	ng		98
84) Bis(2-ethylhexyl)phtha...	21.186	149	2446775	50.334	ng		97
85) Di-n-octyl phthalate	22.104	149	4286431	55.124	ng		100
87) Indeno(1,2,3-cd)pyrene	26.180	276	4806850	41.834	ng		97
88) Benzo(b)fluoranthene	22.951	252	4176030	43.866	ng		98
89) Benzo(k)fluoranthene	22.998	252	4181420	44.025	ng		98
90) Benzo(a)pyrene	23.574	252	4098112	51.633	ng	#	97
91) Dibenzo(a,h)anthracene	26.186	278	4098075	43.400	ng		98
92) Benzo(g,h,i)perylene	26.939	276	4010290	42.655	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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